

20070112.ba v03_n994.bam.20070112

>From ???@??? Fri Jan 12 10:04:28 2007 -0600
Date: Fri, 12 Jan 2007 16:02:55 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3994
Message-Id: <20070112160257.746333183C0@srvr1.theporch.com>

BOATANCHORS Digest 3994

Topics covered in this issue include:

- 1) Re: NDB Beacon ID and Fishing Float Beacon Questions
by "Tom Rauch" <w8ji@contesting.com>
- 2) Re: Metal 6AU6 (?)
by Chuck McGregor <cbmcg@comcast.net>
- 3) Re: Metal 6AU6 (?)
by W0EOM@aol.com
- 4) Re: Countersaurus resurrected
by "JAMES HANLON" <knjhanlon@msn.com>
- 5) The Blue Banana
by "JAMES HANLON" <knjhanlon@msn.com>
- 6) 40 M antenna
by Luc Dugas <collins2@globetrotter.net>
- 7) Re: The Blue Banana aka. "honey the color is off"
by wb3fau@att.net
- 8) SWAP MEET
by W4UOC@aol.com
- 9) Millen catalog?
by AB Bonds <ab@vuse.vanderbilt.edu>
- 10) Additional info, NOS parts
by AB Bonds <ab@vuse.vanderbilt.edu>
- 11) Fred Schmidt N4TT SK (last year...)
by Tom Norris <r390a@bellsouth.net>
- 12) History of Radio Jamming
by Jerry Proc <jerry7proc@yahoo.com>
- 13) WTD: Info/manual for T-946/GRC-129 transmitter
by John Poulton <jp@cs.unc.edu>
- 14) RE: History of Radio Jamming
by "brian goldsmith" <brian.goldsmith@echo1.com.au>
- 15) RE: DuMont
by ail0@att.net
- 16) Scrapping Tuner and looking for vacuum cap
by "Tom Rauch" <w8ji@contesting.com>
- 17) Drake Help
by Robert Kemp <bkemp@bobkemp.com>
- 18) Re: Drake Help

by "Al Parker" <anchor@ec.rr.com>
19) Re: Drake Help
by "Arden Allen" <gumbear@pacbell.net>

Message-ID: <01ee01c7327f\$f808f340\$640fa8c0@radiatoroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NDB Beacon ID and Fishing Float Beacon Questions
Date: Sun, 7 Jan 2007 12:18:54 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Heard a bunch of NDBs early this AM on the BC-348 0 down around 350-400 kc. Was able to ID all of them from various listings on the LOFER pages and other googling, but one remains unknown "FO" on apx 400-402 kc.>>

<http://www.airnav.com/naivals/>
shows no results for FO, but these things are sometimes poorly maintained. Might be a wrong ID, or could be a new one not listed.

Also heard many signals with long tones and then a digital data burst between 1700 and 1800 kc. New type long line fishing float beacons, using a new digital mode other than the traditional Morse IDs?>>

They have been there for many years and actually are disappearing now. From my location at EM73XB (just NNW of Macon) the majority are WSW of me. They are telemetry. There used to be dozens of them, now there are just a few.

The fish beacons are still scattered all over 160 meters. Still using CW ID's.

Mixed in with the fish beacons are harmonics of the NDB's. The NDB's, while low power, use very little harmonic filtering and often clip in the PA section for various reasons. Some of the tech's maintaining them don't have a good grasp of how to accurately measure harmonics. It isn't unusual to hear NDB harmonics for a few hundred miles on 160 meters and the longest distance I ever logged was a 25 watt NDB from Arizona on its 5th harmonic!

73 Tom

Message-Id: <6.2.1.2.0.20070107092316.03716f70@mail.comcast.net>
Date: Sun, 07 Jan 2007 09:35:44 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck McGregor <cbmcg@comcast.net>
Subject: Re: Metal 6AU6 (?)
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed; x-avg-checked=avg-ok-4D053866

I have several "Fetrode" tube replacements, marked 6AK5SDE, probably from the same manufacturer. They are potted in a grey epoxy-like compound. I believe these were used in place of premium 6AK5 tubes in Tek type L preamps at Hughes Aircraft. Only manufacture identification is a letter S inscribed in a square. I, too, would welcome a datasheet.

73,
Chuck N7RHU

At 06:34 AM 1/7/2007, James C. Garland wrote:

>Hi Gang,
>Here's a photo of an old Tek scope, with what appears to be a metal 6AU6.
>I didn't know there was such a thing. This popped up on the vintage
>Tektronix discussion group. According to some of the list members, it
>might be a solid state equivalent of the 6AU6, called a "Fetron," which
>also was news to me. Anybody know about these things?

>73,

>Jim W8ZR

>

>photo: <http://www.members.aol.com/viking81/metal6au6.jpg>

>

>*****

>James C. Garland

>102 Spur Ranch Road

>Santa Fe, NM 87540

>www.w8zr.net

>*****

>

>

>

>

>--

>No virus found in this incoming message.

>Checked by AVG Free Edition.
>Version: 7.1.410 / Virus Database: 268.16.7/618 - Release Date: 1/6/2007

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.410 / Virus Database: 268.16.7/618 - Release Date: 1/6/2007

From: W0EOM@aol.com
Message-ID: <cfa.691217e.32d2a5e9@aol.com>
Date: Sun, 7 Jan 2007 14:37:13 EST
Subject: Re: Metal 6AU6 (?)
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1168198633"

-----1168198633
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 1/7/2007 11:45:41 A.M. Eastern Standard Time, al@ar88.net writes:

<http://www2.famille.ne.jp/~teddy/datalib/fetron.htm>
Al and others - the Fetron type tubes i have here are the TR1004, 1008, and 1012, all 7 pin, 3/4 in tall less pins.
a TR1008 is a 9 pin. i thought TCA published a conversion, but do not have it handy.

Will

-----1168198633
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
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* * * * *

-----1168198633--

Message-ID: <BAY110-DAV166C93BE7040F49B8FCDF1A0BD0@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Countersaurus resurrected
Date: Sun, 7 Jan 2007 13:55:02 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_00F8_01C73263.6D67F8B0"

This is a multi-part message in MIME format.

-----=_NextPart_000_00F8_01C73263.6D67F8B0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>There will be about 200 tubes heating the
shack when that happens :-)

Ah,... ha!!!! I KNEW global warming was not coming from the northern
hemisphere....

Arden Allen
KB6NAX

This reminds me of the Jimmy Carter era when we were all "encouraged" =
to turn our thermostats back to 60 to save fuel. I had an outside wall =
office at Bell labs in the Columbus, Ohio Western Electric Plant at the =
time, all now long gone, and the temperature in my office was running a =
brisk 55 F. I borrowed a Tek 555, Dual-Beam scope from the instrument =
pool and ran it in my office, with the door closed of course. Some of =
the guys in the hall stopped in to make fun of me for having a scope in =
my office, but they stayed to enjoy the warmth. =20

Jim, W8KGI
-----=_NextPart_000_00F8_01C73263.6D67F8B0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *

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* * * * *

-----=_NextPart_000_00F8_01C73263.6D67F8B0--

Message-ID: <BAY110-DAV7BB5F16EEB1BE3A7CEACFA0BD0@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: The Blue Banana
Date: Sun, 7 Jan 2007 14:00:07 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_010A_01C73264.2386BE60"

This is a multi-part message in MIME format.

-----=_NextPart_000_010A_01C73264.2386BE60

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Art,

Ask your brother sometime if he remembers Dr. George Brown at Princeton =
and the little joke he pulled on the guys who were tuning up the cameras =
for a last-ditch pitch to the FCC at Princeton. According to Dr Brown's =
son, George Junior, whom I went to school with at Ohio State, Dr. Brown =
slipped in at noon time, noticed the guys were tuning up on a bowl of =
fruit for color balance, and painted the banana blue. =20

Jim Hanlon, W8KGI

----- Original Message -----=20

From: ail0@att.net<mailto:ail0@att.net>=20

To: Old Tube Radios<mailto:boatanchors@theporch.com>=20

Sent: Friday, January 05, 2007 12:21 PM

Subject: Re: DuMont

The color wheel kludge came from CBS who succeeded in getting the FCC =
to approve it (shades of BPL). RCA and several companies developed the =
NTSC system which had to=20

edge because it was compatible with the black and white standard =
thereby not invalidating all of the many sets already in homes (not at =
all like the HDTV system
which will not work with my, and your NTSC sets.) They were =
broadcasting the CBS TV from NY at one time. When viewed on a normal =
(NTSC) TV, you got multiple images due
to the different frame frequency. Black and white, of course, because =
we didn't have
the rotating wheel. Image a rotating wheel in a 36" TV!!/
My brother was one of the engineers from RCA Princeton who demonstated =
NTSC color TV
in Washington.
Art K3HBA

-----=_NextPart_000_010A_01C73264.2386BE60
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *

-----=_NextPart_000_010A_01C73264.2386BE60--

Date: Sun, 07 Jan 2007 15:57:25 -0500
From: Luc Dugas <collins2@globetrotter.net>
Subject: 40 M antenna
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <001901c7329e\$6f1b4c30\$6500a8c0@areq>
MIME-version: 1.0
Content-type: multipart/alternative;
boundary="Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)"

This is a multi-part message in MIME format.

--Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

may be 15 years ago, i came across a strange antenna design claiming 14 db gain.
it was 4 pieces of wire 35 feet long. 3 of these wire were posted parallel 6 feet
apart and 1 foot above the ground. 6 feet over the center wire was the fourth

wire. it was said that the other party of a qso having the same antenna as the other party parallel to it the gains were adding to 28 db of gain.

luc ve2lgj 73s

--Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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--Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)--
--Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)--
--Boundary_(ID_kss2CVbEM5zo0gMksJL9+A)--

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "JAMES HANLON" <knjhanlon@msn.com>, "boatanchors" <boatanchors@theporch.com>
Subject: Re: The Blue Banana aka. "honey the color is off"
Date: Mon, 08 Jan 2007 02:49:09 +0000
Message-Id:
<010820070249.28144.45A1B12500016D1E00006DF021602807489A0E00CC0D99@att.net>

Pre-requirements for this message- young enough to wonder whats really going on here?

Age 51 here, my short story is - My Aunt was the 1st one of our family to buy a color TV, I think she bought a Motorola, not sure. My father, was a very opinionated man, going over to check out his sisters new TV- he laughed at it and pissed her off. This was probably about 1960. Needless to say, we never got a color TV until 1971. Even then, it was a refurbished '67 Magnavox.

From: W4UOC@aol.com
Message-ID: <cab.8003e38.32d55d28@aol.com>

Date: Tue, 9 Jan 2007 16:03:36 EST
Subject: SWAP MEET
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1168376616"

-----1168376616
Content-Type: text/plain; charset="UTF-8"
Content-Transfer-Encoding: quoted-printable
Content-Language: en

SWAP MEET

=20

SOUTHEASTERN ANTIQUE RADIO SOCIETY

Eighth Annual Indoor Mega-Meet

ANTIQUUE RADIO SWAP MEET

=20

RADIOS, PARTS, HAM GEAR, TV=E2=80=99s,

VACUUM TUBES, TEST EQUIPMENT

=20

Mr. Bret Menassa will give a presentation on =E2=80=9CPlastic Cabinet Radio=20
Restoration=E2=80=9D. Bret=E2=80=99s series of restoration DVD=E2=80=99s wi=
ll be on sale.

=20

Saturday, February 17th, 2007 Buford, GA

=20

8:00 AM =E2=80=93 2:00 PM (NO EARLY SALES, LeMans start)

Seller set up at 7:00 AM

AUCTION at 10:15 AM!

Radio and Equipment CONTEST with Ribbons Awarded

BUYERS FREE!

SELLERS \$15.00 For a Table and Chair set-up (more available \$10.00 ea.)

=20

Coffee & Donuts

Catered lunch available

=20

This is a large indoor meet with lots of vendor space.

Bring your radio to repair, appraise, sell or enter in contest

Location: Antiques Mall of Georgia, 1839 Buford Highway NE, Buford, GA 3051=

8=20

(770) 932-3010

This is a good meet with sellers from many surrounding states. Lots of tube=20
and transistor radios, TV=E2=80=99s, parts, vintage ham radios, ephemera, va=
cuum tubes=20

etc. Don=E2=80=99t miss this one=E2=80=A6=E2=80=A6=E2=80=A6..

-----1168376616

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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-----1168376616--

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="----=_NextPart_001_01C7343B.FF85604B"
Subject: Millen catalog?
Date: Tue, 9 Jan 2007 16:17:49 -0600
Message-ID: <C2E12B15D2CA56409ED5354B2AA78B0D0221D98C@eecsmail.eecs.local>
From: AB Bonds <ab@vuse.vanderbilt.edu>
To: Old Tube Radios <boatanchors@theporch.com>

This is a multi-part message in MIME format.

-----=_NextPart_001_01C7343B.FF85604B
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

My good pal Gary Schneider (www.olderadioparts.com) has come upon a barn=
find of a large amount of National and Millen NOS parts, in original=
boxes and in good shape. He is busily inventorying it preparatory to=
sale and needs a copy of a late 50s-early 60s Millen catalog or parts=
descriptor to make sure the inventory is correct. He does already have=
the usual catalogs (Allied, etc) but they are not complete enough. If=
you can help, please contact me off-list.

=20

I would note that some of his trove includes several large transmitting=
variables, some National vernier dials and a large number of trimming=
caps, brand new. Stay tuned.

=20

A. B. Bonds

=20

-----=_NextPart_001_01C7343B.FF85604B
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
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* * * * *
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-----=_NextPart_001_01C7343B.FF85604B--

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----=_NextPart_001_01C7343D.230C1713"
Subject: Additional info, NOS parts
Date: Tue, 9 Jan 2007 16:25:58 -0600
Message-ID: <C2E12B15D2CA56409ED5354B2AA78B0D0221D98D@eecsmail.eecs.local>
From: AB Bonds <ab@vuse.vanderbilt.edu>
To: Old Tube Radios <boatanchors@theporch.com>

This is a multi-part message in MIME format.

-----=_NextPart_001_01C7343D.230C1713
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I just looked at Gary's site (www.olderadioparts.com) and he has gotten=
a partial listing of the inventory up--look in the Latest Additions sec=
tion. This includes a huge number of fancy aluminum control faceplates=
with very seductive labelling like "Key". "Plate Voltage", "Telegraph=
CW" etc etc. Also connectors, crystal sockets, etc etc. I have fondle=
d this stuff, it is very nice.

=20

No commercial interest, just jealous....

=20

A. B. Bonds

=20

-----=_NextPart_001_01C7343D.230C1713
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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-----=_NextPart_001_01C7343D.230C1713--

Mime-Version: 1.0 (Apple Message framework v752.2)
Content-Transfer-Encoding: 7bit
Message-Id: <BABC6318-C81D-4E4B-BBB2-5D2E6CE61154@bellsouth.net>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: Fred Schmidt N4TT SK (last year...)
Date: Wed, 10 Jan 2007 17:25:24 -0600

I had heard folks on several lists regularly discussing not being able to get in touch with him. Here is official obit as posted by Don Rob't House on the Greenkeys list today, FYI --

FREDERICK GRAVES SCHMIDT

Schmidt, Frederick Graves, age 93 of Fort Lauderdale, Florida died on August 29, 2006.

Survived by his sister, Mrs. Susan Bates of Burlington, Washington, sister-in-law Dorothy Schmidt of Georgetown, Texas, who was married to his late brother James David Schmidt, and four nieces and nephews and their children.

Born in Whitney, Texas on June 21, 1913, son of the late Albert Paul and Mattie Lois (Graves) Schmidt. Raised in DeLeon, Texas where his mother was the church organist at the Methodist church for many years and a local piano instructor. His father was a pioneer railroad conductor, which led to a lifelong love and fascination with the history of railroads. Fred published several articles on the subject.

He served with the United States Navy aboard Admiral Halsey's flagship and was on the USS Medusa at the time of the attack on Pearl Harbor. He graduated from Berkeley with a degree in Electrical Engineering following WWII. Fred was a long time Ham Radio Operator license N4TT and W4NYF. He worked for the Fort Lauderdale News, (Sun Sentinel News) for many years and is a member of the Printer's Union and the First Presbyterian Church of Plantation.

He owned his own business, Typetronics, dealing with electronic parts. Graveside services will be held in the family plot in Whitney, Texas. Arrangements by T.M. Ralph Plantation Funeral Home, 954-587-6888.

You can sign Fred's Guest-book at:

<http://www.legacy.com/SunSentinel/Obituaries.asp?Page=LifeStory&PersonID=19080757>

Message-ID: <20070111172712.1615.qmail@web90601.mail.mud.yahoo.com>
Date: Thu, 11 Jan 2007 12:27:12 -0500 (EST)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: History of Radio Jamming
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hello Everyone,

A neat site on the history of radio jamming was recently brought to my attention. There are stories, recordings and photos of Soviet style "boatanchors" and some pretty nifty antenna arrays. One photo even has an RCA AR88.

<http://www.radiojamming.info/>

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
<http://mail.yahoo.com>

Date: Thu, 11 Jan 2007 15:11:18 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD: Info/manual for T-946/GRC-129 transmitter
Message-ID: <Pine.LNX.4.64.0701111510110.1556@swan.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

(Also posted to T-368/BC-610 list..)

Just had a visit from Paul Bernhardt KF4FOR from up in Alexandria, who showed me something very interesting: a portion of a T-946/GRC-129 transmitter. The T-946 appears to be a sort of modified T-368, updated for SSB transmission. It was built in the same cabinet, and shared a bunch of common parts with the T-368. There's no modulator, of course. Paul's transmitter was built by Manson Labs and is serial #88.

Paul's transmitter is in pieces and is missing all of it's iron. He would like to restore the transmitter and is in need of:

- * Manual or any info on the T-946
- * A T-368 power transformer
- * A T-368 cabinet
- * and/or a T-368 junker with above still on board

If you can help Paul out, please let me know and copy:

bern@ppd.nrl.navy.mil

Thanks, and 73, John K4OZY

--

From: "brian goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: History of Radio Jamming
Date: Fri, 12 Jan 2007 07:18:59 +1100
Message-ID: <000301c735bd\$ba735480\$0a00a8c0@pcbriang>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Jerry Proc

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A neat site on the history of radio jamming was recently brought to my attention. There are stories, recordings and photos of Soviet style "boatanchors"

and some pretty nifty antenna arrays. One photo even has an RCA AR88.

<http://www.radiojamming.info/>

****Thanks for the info Jerry.

The racked 88s look like AR88Fs used in a DR89 Diversity Communication Receiver set up although the top receivers in each rack seem to be missing their Diversity IF Gain controls..

Brian Goldsmith

From: ail0@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: DuMont
Date: Thu, 11 Jan 2007 20:23:08 +0000
Message-Id:
<011120072023.25057.45A69CAC00001E4F000061E12160281060CF04070E@att.net>

----- Original message -----
From: AB Bonds <ab@vuse.vanderbilt.edu>
> > -----Original Message-----
> > From: owner-boatanchors@theporch.com
> > [mailto:owner-boatanchors@theporch.com]On Behalf Of ail0@att.net
> > Sent: Friday, January 05, 2007 1:21 PM
> > To: Old Tube Radios
> > Subject: Re: DuMont
> >
> >
> > Image a rotating wheel in a 36" TV!!/
>
> Actually, I have a color wheel on a 52" TV--home DLP units use a color wheel,
> running at something like 11,000 rpm. Only theaters and expensive projectors
> use three DLPs.
>
> Ob ba content, brings to mind flying spot scanners....
>
> A. B. Bonds
At least one manufacturer has an array of electronically controlled mirrors on a solid state substrate that rotate to project the proper colors into proper pixel positions through a glass front. No wheels, just sand-state stuff!
Art K3HBA

Message-ID: <080901c735dc\$514bfc40\$640fa8c0@radioroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Scrapping Tuner and looking for vacuum cap
Date: Thu, 11 Jan 2007 18:57:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

I have an AN/SRA20 TN329/SRT antenna tuner that looks like it was designed to tune a whip.

It has three or four "channels" that cover 2-15MHz and an adjustable autotransformer and some neat looking dials. The only thing missing or broken are two vacuum fixed caps. It still has two small fixed vacuums that test good, but I removed two that were full of air. All the other parts look to be there.

I thought I'd see if anyone wants it before I scrap it out for parts. I'd like to swap it for a ****fixed**** vacuum cap of 400-1000 pF at 10kV or so and two 807's, which is really all I need to get by in life.

Thanks,
Tom

Message-ID: <45A799E1.8070003@bobkemp.com>
Date: Fri, 12 Jan 2007 08:23:29 -0600
From: Robert Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake Help
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Guys:
Any known cleaner or help for a corroded Drake r4b(copper/copperclad) chassis. Parts of it appear could be cleanable other parts not so.
Anything one can do?
Bob
wa0vrc

Message-ID: <01e201c7365b\$d9982860\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake Help
Date: Fri, 12 Jan 2007 10:10:49 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bob,

Sorry, there's no easy/quick/magic/etc. cure-all. Take a look at Ron Baker's website, specifically
<http://www.wb4hfn.com/DRAKE/DrakeArticles/ChassisCleaning/ChassisCleaning.htm>
73,
Al, W8UT
New Bern, NC
BoatAnchors appreciated here
<http://www.boatanchors.org>
<http://www.hammarlund.info>

----- Original Message -----

From: "Robert Kemp" <bkemp@bobkemp.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, January 12, 2007 9:23 AM
Subject: Drake Help

> Guys:
> Any known cleaner or help for a corroded Drake r4b(copper/copperclad)
> chasis. Parts of it appear could be cleanable other parts not so.
> Anything one can do?
> Bob
> wa0vrc
>

Message-ID: <001d01c73662\$f7179040\$0ee47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake Help
Date: Fri, 12 Jan 2007 08:01:14 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Any known cleaner or help for a corroded Drake r4b(copper/copperclad)
> chasis. Parts of it appear could be cleanable other parts not so.
> Anything one can do?

Ron Baker's site has good info. I would take this approach:

For severe pits, using a dremel rotary tool I clean out severe rust spots. The exposed steel can then be spot copper plated or touched up with copper paint. Brown spots showing no green corrosion or rust through I leave alone. Once the blemishes are dealt with, I treat the chassis with WD-40, allow to dry, wipe clean and then wax chassis. The point is to halt further degradation, not to make like new.

Arden Allen
KB6NAX

End of BOATANCHORS Digest 3994
